

THE COMMISSIONER OF PATENTS AND TRADEMARKS  
WASHINGTON, D.C. 20231

Sir:

Transmitted herewith for filing is the Utility patent application of:

|           |  |  |
|-----------|--|--|
| INVENTOR: | <b>Hiroaki NEMOTO, Ikuko TAKEKUMA, Yuzuru HOSOE, Hiroyuki NAKAGAWA and Masukazu IGARASHI</b> |  |
| FOR:      | <b>PERPENDICULAR MAGNETIC RECORDING MEDIUM</b>   |  |

19972 U.S. PTO  
10/616377  
07/10/03

Enclosed are:

- 13 sheets of  formal  informal drawings.
- Transmittal of Japanese patent application 2003-015526 to claim priority date of January 24, 2003.
- An Executed Declaration.
- An assignment executed by inventor to Hitachi, Ltd.
- Information Disclosure Statement and PTO Form 1449
- The filing fee is calculated as shown below:

| FOR  | NUMBER FILED | NUMBER EXTRA | RATE | CALCULATIONS        |  |  |
|--|--------------|--------------|------|---------------------|--|--|
| TOTAL CLAIMS   | 20           | -20          | 0    | x\$18 = 0.00        |  |  |
| INDEPENDENT CLAIMS   | 3            | -3           | 0    | x\$84 = 0.00        |  |  |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable)  |              |              |      | +\$280 =            |  |  |
|  |              | BASIC FEE    |      | \$750.00            |  |  |
| TOTAL OF ABOVE   |              |              |      | 750.00              |  |  |
| REDUCTION BY 1/2 FOR FILING BY SMALL ENTITY (note 37 C.F.R. §§ 1.9, 1.27, 1.28).<br>IF APPLICABLE, VERIFIED STATEMENT MUST BE ATTACHED |              |              |      |                     |  |  |
|  |              |              |      | <b>TOTAL</b> 750.00 |  |  |

- Please charge my **Deposit Account Number** \_\_\_\_\_ in the amount of \_\_\_\_\_ to cover the filing and assignment recordation fee. A duplicate copy of this paper is enclosed.
- A check in the amount of **\$790.00** to cover the filing fee and assignment fee is enclosed.
- The Commissioner is hereby authorized to charge any additional fees associated with this communication, including patent application filing fees and processing fees under 37 C.F.R. § 1.16 and 1.17, or credit any overpayment to **Deposit Account Number 08-1480**.

Respectfully submitted,

Stanley P. Fisher  
Registration Number 24,344

Juan Carlos A. Marquez  
Registration Number 34,072

REED SMITH LLP  
3110 Fairview Park Drive  
Suite 1400  
Falls Church, Virginia 22042  
(703) 641-4200

July 10, 2003